EXPERIMENT-11

```
SQL> ED
Wrote file afiedt.buf

  1   DECLARE
  2   n NUMBER;
  3   i NUMBER;
  4   temp NUMBER;
  5   BEGIN
  6   n:=&n;
  7   i:=2;
  8   temp:=1;
  9   FOR I IN 2..n/2
 10   LOOP
 11   IF MOD(n,i)=0
 12   THEN
 13   temp:=0;
 14   EXIT;
 15   END IF;
 16   END LOOP;
 17   IF temp=1
 18   THEN
 19   DBMS_OUTPUT.PUT_LINE(n||' is a prime number');
 20   ELSE
 21   DBMS_OUTPUT.PUT_LINE(n||' is not a prime number');
 22   END IF;
 23*  END;
SQL> /
Enter value for n: 12
12 is not a prime number

PL/SQL procedure successfully completed.

SQL> SET SERVEROUT ON
SQL> SET VERIFY OFF
SQL> /
Enter value for n: 3
3 is a prime number

PL/SQL procedure successfully completed.
```